

Recommended Project Documentation Submittal for Operations Plan for Exploratory Drilling and Well Testing

Provide the following information, per 43 CFR 3261.12:

1. Description of disturbance proposed, which may include:
 - well pads; include dimensions of well pads, grading that will be required for pads, a diagram showing the layout of equipment and supplies on the well pad;
 - sumps; include dimensions and volume of fluid to be contained by sump;
 - Equipment to be used for well testing, well test duration, volume of fluids anticipated, description of how those fluids will be contained (e.g. pipelines to sumps, trucks, additional sumps).
 - staging/ lay down areas; dimensions of these areas, or whether existing well pads will be used to store supplies;
 - worker camps; dimensions of this area or whether existing well pads will be used;
 - roads; length and width of access roads and any road turnouts to be developed or maintained, culvert designs and placement, whether Right of Ways (ROWs) will be required, cross country travel access roads (if cross country, how many trips road will be taken)(Use Gold Book standards for roads, but site page number and Gold Book edition used);
 - Table summarizing the disturbance type, dimensions of disturbance and total proposed acres of disturbance.
2. If possible, photographs of the equipment to be used and photos of the disturbance created by the equipment.
3. Maps; hard copy and electronic copies of that include: Meridian, Township, Range and Section (MTRS), contours, title, scale, legend, land status, lease boundary, location of disturbance, existing and proposed roads, overland travel routes, point data (where equipment will be placed) locations of lay downs/ staging areas, worker camps, location of water and gravel source. If possible, provide shape file with metadata (including data projection, author of map, and date of creation).
4. Source of pad and road material (i.e. construction aggregate source).
5. Water source documentation.
6. Description of surface ownership including other surface management agencies USFS, BOR, etc.
7. Detailed description of the environmental protection procedures and best management practices (BMPs). If referencing BMPs in other documents, sight source (include edition and page number).

Reclamation plan addressing (Example Attached):

- Reclamation of observation wells and pads and access roads
Recontouring of wells, pads and roads to original topography, reseeding, controlling noxious weeds, and other techniques to improve reclamation success, such as ripping, scarifying, replacing topsoil, constructing waterbars, pitting and barricading.
- Interim and Final Reclamation of Injection & production wells and pads and access roads

Painting of facilities with appropriate standard environment colors (CC-001 June 2008)

Reclamation of roads and pads not being used including recontouring of roads to original topography, reseeding, controlling noxious weeds, and other techniques to improve reclamation success, such as ripping, scarifying, replacing topsoil, constructing waterbars, pitting and barricading.